

# HTCA-E400

Carrier-grade Edge Server Chassis for Open RAN / MEC



## Features

- Carrier-grade, full redundancy and extreme high performance
- 3rd Generation Intel® Xeon® Scalable Processor with AI Acceleration
- Support 5x 1U compute sleds or 2x 2U+1U compute sleds
- Support 2x 1U switch sleds for redundancy
- Support OCP NIC 3.0 Modules, 2U sled Support FH3/4L double width PCIe Card, 1U sled Support FHHL PCIe by 16 card
- 450mm Short Depth Chassis for Edge Deployment
- Distinguished, Flexible and Front I/O Access
- 1+1 Redundant Hot-swappable PSU
- NEBS-3 Compliant for Harsh Conditions

## Preliminary Specifications

### Compute Sled

CPU Options	Depending on compute sled
Frequency	Depending on CPU
Core Number	Depending on CPU
BIOS	AMI SPI Flash BIOS
Chipset	Depending on compute sled

### Memory

Technology	Depending on compute sled
Max. Capacity	Depending on compute sled
Socket	Depending on compute sled

### Switch Sled

Switch Fabric	Depending on Switch sled specification
Speed	Depending on Switch sled specification
Interface	Depending on Switch sled specification

### Storage

Type	M.2
Installation	M.2 2280 x1

### I/O

Reset Button	N/A
Console	1 x RJ45
USB	On compute sled or switch sled
IPMI	On board AST2500

### Expansion

PCIe	Depending on compute sled
PCI	N/A

### Cooling

Processor	CPU heatsinks with fan duct
System	Cooling fans in Compute Sled and Switch Sled

### Environment

Operating/Storage Temperature	-5~50°C Operating (NEBS SKU), 0~40°C Operating (Commercial SKU), -40~70°C Non-Operating
Relative Humidity	5% ~ 90%, non-condensing

### Miscellaneous

LCD Module	N/A
Watchdog	Yes
Internal RTC with Li Battery	Yes

### Mechanical

Dimension (W x H x D)	444 x 175.5 x 450 mm
Weight	27.5 kg (Full configuration)
Mounting	4U Rack mount

### Power

Type / Watts	3000W 1+1 Redundant PSU
Input	220 – 240V @50-60HZ, 15.5A MAX

### OS Support

Linux	Linux Cent OS 7.2 or above
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### Compliance

EMC	CE Class A, FCC Class A, Design comply for NEBS Level 3
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## Ordering Information

HTCA System	HTCA-E400	HybridTCA™ 4U telecom network appliance
Compute sled	HMB-E100A	1U Compute sled
Compute sled	HMB-E200A	2U Compute sled
Switch sled	HLM-E110A	1U Switch sled